FLONNE REVERIE

Web Portfolio @ https://flonne.pet/

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Summary

Flexible computer programmer and web developer with a passion for learning. Highly skilled in several programming languages. Professional experience in web development, artificial intelligence, application programming, server admin, web accessibility/ARIA, and the creation of custom cloud services, capable of horizontal scaling to millions of concurrent connections. Self-taught and self-motivated for over a decade, I'm now seeking more fulfilling work. Legal resident of Portugal! 🇵🇹

Highlights

- Fluent understanding of many languages, frameworks, and concepts:
  - Compiled: C/++/#, Java, VB.NET, AS3/Haxe, Rust
  - Scripting: Javascript/Typescript, Python, PHP, Lua, GDScript
  - Web: HTML, CSS, React, MVC/Razor, ASP.NET, Azure Cloud, Amazon Cloud, WebSockets, GraphQL
  - Unit Testing: Jest, Selenium
  - AI: OpenAI/"ChatGPT" API, Anthropic/"Claude" API, DeepSeek-R1, Copilot, Agents
- Skilled in the modern web:
  - Javascript expert. I've written everything from interactive UI components to a complex custom CMS, including frontend, backend, and scalable Node+Azure mirroring, battle-tested on over 300,000 simultaneous connections for major Microsoft live events.
  - Up-to-date on the latest HTML, CSS, and accessibility/ARIA specifications, including current browser support for new features.

- Quick and motivated learner:
  - Began learning VB6 at age 9.
  - Learns new libraries, techniques, and programming languages for fun!
  - Highly varied experience means I learn everything just a little faster!
- Experience across many platforms, at every level:
  - Windows, Mac, Linux, Android, and bare-metal systems
  - x86/64, ARM, RISC, and PPC targets
  - High-level and low-level, I'm very experienced with both!
  - Experience writing highly-optimized code for embedded systems; I know the performance consequences of my code.
- Relevant miscellaneous skills:
  - Experienced team member and leader in professional environments.
  - Knowledgeable on cryptography and information security; familiar with good cybersecurity practices to an uncommon degree.

Work Experience

Software Engineering FE/BE Manager, ~2 years (22 months)

New Work SE – Porto, Matosinhos, Portugal (telecommuting position)

- Built and maintained multiple large React-based projects within Xing, a professional social networking platform similar to LinkedIn. (https://www.xing.com/)

- Worked with a large team of multidisciplinary developers (FE/BE/Android/iOS) to coordinate simultaneous product and feature launches across separate codebases on tight timetables. Frequently shared out to other teams to resolve short-staffing and challenging development problems.

- Worked primarily in high-priority, mission-critical areas (login system, onboarding of new users, user activity feeds) and completed large refactors of these systems, greatly improving code quality and maintainability.

- Wrote Jest and Selenium unit tests for my own code, as well as the code of other developers.

- Participated in establishing and documenting new code standards, for my team and others.

Senior Web Developer, ~2 years (26 months)

iSoftStone – Kirkland, WA, USA (telecommuting position)

- Primarily worked on the Microsoft Office marketing website: https://products.office.com/en-us/

- Worked closely with a small team of skilled developers and producers in an Agile arrangement on a day-to-day basis.

- Learned and implemented a wide variety of accessibility/ARIA technologies; created and modified components to utilize screen readers, high contrast modes, etc., in an intuitive way, including mobile variants (Apple VoiceOver on iOS devices, etc.)

- Coordinated with other teams to introduce complex features requiring external APIs and multi-part simultaneous launches of both client and server architectures.

- Conducted interviews for senior-level positions and below.

- Learned and operated the SiteMuse CDN platform; handled standardization and merging of all CSS additions to the site's core stylesheets.

- Greatly expanded knowledge of mobile development and platform-specific challenges; used this knowledge to develop complex web applications that function correctly on all modern smartphones.

Senior Frontend Developer and Technical Lead, ~1 year (14 months)

HCL / Flexasoft – Redmond, WA, USA

- Hired as a junior dev; trusted to conduct senior-level interviews within just three months, after ensuring the success of Microsoft's Xbox E3 event hub.

- Led the team working on the Microsoft Devices event hub – the only web team out of six at HCL that launched with zero post-launch problems that day.

- Single-handedly programmed "FastComp", a browser-based tool for building and editing exportable previews of web pages, to augment design and copy-editing conversations with real in-browser previews at various resolutions.

- Conceptualized and programmed the "Real-Time News" content management system, allowing truly real-time posting of highlights and announcements in the form of small news cards to Microsoft websites. Used on the Xbox E3 hub, used again for the Devices event hub mentioned previously.

- Wrote the server environment and mirroring servers for the Real-Time News CMS, serving over 300,000 concurrent users during the Devices launch.

- Frequently and specifically called out by members of partner teams (at other companies) as helpful, clear, and productive, especially when the work required extensive coordination. Requested by name for future collaborations multiple times.

- Managed several Azure services and virtual machines, including both Windows Server and Linux VMs; became proficient with Azure in general.

- Called for new code standards to remedy developer disorganization and enable the easy sharing of components between websites; my suggestions helped form the backbone of HCL's new code standards and educational materials for new employees.

Web Developer and Admin, ~2 years (23 months)

American IRA, LLC – Asheville, NC, USA (telecommuting position)

- Hired as a DVD printing machine operator, not a web developer; quickly promoted to this position instead after demonstrating my skills, replacing an established professional, at 16 years old.

- Sole web designer and programmer for a small business.

- Maintained and updated an enterprise WordPress site, as well as all related databases, customer records systems, DNS records, email handling, etc.

- Designed tools in C# and Javascript to assist the business and its customers.

- Wrote custom WordPress plugins and themes in PHP to fit the company's needs.

- Explained technical issues to customers and management in simple terms.

Web Development Tutor, ~1 year (15 months)

Self-Run Business

- Taught multiple students one-on-one over the course of several months, from the very basics of HTML/CSS/JS to advanced concepts needed in the workforce.

- All students would go on to hold entry-level or higher web development jobs in the local area (Redmond, Bellevue, Seattle), without any formal education (college/uni) beyond my tutoring; one never even attended high school!

- Reference from previous student available!